

GenCore version 5.1.3  
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OM protein - nucleic search, using frame\_plus\_p2n.mobi

Run on: January 16, 2003, 17:00:17 / Search time 19.4266 seconds  
(without alignments)  
114.746 Million cell updates/sec

Title: US-09-856-070-16  
Perfect score: 25  
Sequence: 1 EREKE 5

Scoring table: HIGSUM62  
Ygapop 10.0 / Ygapext 0.5  
Ygapop 10.0 / Ygapext 0.5  
Ygapop 6.0 / Ygapext 7.0  
Delop 6.0 / Delext 7.0

Searched: 393868 seqs, 222934149 residues

Total number of hits satisfying chosen parameters: 787746

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Command line parameters:

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-DB=publishedApplications\_NA -GEMT=lastap -SUFFIX=ropb -MINMATCH=0.1  
-LDB=0 -LDBEXT=0 -UNITS=bits -STAPT=1 -END=1 -MATRIX=bitsum62  
-TRANS=human40 codi -LIST=45 -DEVCALIGN=200 -THP\_SCOPE=pt -THP\_MAX=100  
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-DEV=TIMEOUT=120 -WARN\_TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6  
-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database: published Applications\_NA:

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4: /cgn2\_1/ptodata/2/pubpna/US07\_PUBCOMB.seq.\*  
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7: /cgn2\_1/ptodata/2/pubpna/US08\_NEW\_PUB.seq.\*  
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13: /cgn2\_1/ptodata/2/pubpna/US10\_NEW\_PUB.seq.\*  
14: /cgn2\_1/ptodata/2/pubpna/US10\_PUBCOMB.seq.\*

Pred No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Query | Score | Match | Length | DB                  | ID | Description       |
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| C 1        | 25    | 100.0 | 22    | 10     | US-09-935-247-9     |    | Sequence 9, Appli |
| C 2        | 25    | 100.0 | 73    | 10     | US-09-969-373-541   |    | Sequence 724, App |
| C 3        | 25    | 100.0 | 92    | 10     | US-09-864-761-20117 |    | Sequence 21177, A |
| C 4        | 25    | 100.0 | 94    | 10     | US-09-878-574-14954 |    | Sequence 14954, A |

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|------|----|-------|-----|----|---------------------|--|--------------------|
| C 5  | 25 | 100.0 | 99  | 10 | US-09-969-373-365   |  | Sequence 365, App  |
| C 6  | 25 | 100.0 | 99  | 10 | US-09-969-373-1469  |  | Sequence 1469, App |
| C 7  | 25 | 100.0 | 104 | 10 | US-09-969-373-541   |  | Sequence 541, App  |
| C 8  | 25 | 100.0 | 108 | 9  | US-10-013-329-1     |  | Sequence 1, Appli  |
| C 9  | 25 | 100.0 | 112 | 10 | US-09-783-590-463   |  | Sequence 463, App  |
| C 10 | 25 | 100.0 | 114 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 11 | 25 | 100.0 | 115 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 12 | 25 | 100.0 | 115 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 13 | 25 | 100.0 | 116 | 10 | US-09-969-373-541   |  | Sequence 541, App  |
| C 14 | 25 | 100.0 | 116 | 10 | US-09-969-373-541   |  | Sequence 541, App  |
| C 15 | 25 | 100.0 | 117 | 10 | US-09-770-696-725   |  | Sequence 725, App  |
| C 16 | 25 | 100.0 | 117 | 10 | US-09-878-574-11070 |  | Sequence 11070, A  |
| C 17 | 25 | 100.0 | 118 | 10 | US-09-969-373-365   |  | Sequence 365, App  |
| C 18 | 25 | 100.0 | 120 | 9  | US-10-013-329-1     |  | Sequence 1, Appli  |
| C 19 | 25 | 100.0 | 120 | 10 | US-09-969-373-365   |  | Sequence 365, App  |
| C 20 | 25 | 100.0 | 122 | 10 | US-09-969-373-365   |  | Sequence 365, App  |
| C 21 | 25 | 100.0 | 122 | 10 | US-09-969-373-365   |  | Sequence 365, App  |
| C 22 | 25 | 100.0 | 122 | 10 | US-09-969-373-365   |  | Sequence 365, App  |
| C 23 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 24 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 25 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 26 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 27 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 28 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 29 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 30 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 31 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 32 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 33 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 34 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 35 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 36 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 37 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 38 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 39 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 40 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 41 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 42 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 43 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 44 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |
| C 45 | 25 | 100.0 | 124 | 10 | US-09-864-761-20117 |  | Sequence 724, App  |

ALIGNMENTS

RESULT 1  
US-09-935-247-9/c  
Sequence 9, Appli  
Patent No. US590201031531

GENERAL INFORMATION:

APPLICANTS: RO, Richard N.

COOK, Julia

TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY

OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FO

P53 PROTEIN

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ALANESSCO, SCULLY, SCOTT, MURPHY & PRESSER

Street: 400 Garden City Plaza

City: Garden City

State: New York

Country: USA

Zip: 11530

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/235,247

FILING DATE: 22-Aug-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

```
1 APPLICATION NUMBER: 09/266,065
2 FILING DATE: <Unknown>
3
4 ATTORNEY/AGENT INFORMATION:
5 NAME: DiGilio, Frank S.
6 REGISTRATION NUMBER: 31,346
7 REFERENCE/DOCKET NUMBER: 85157Y
8 TELECOMMUNICATION INFORMATION:
9 TELEPHONE: (516) 742-4343
10 TELEFAX: (516) 742-4366
11 TELEX: 230 901 SANS UR
12 INFORMATION FOR SEQ ID NO: 9:
13     SEQUENCE CHARACTERISTICS:
14     LENGTH: 22 base pairs
15     TYPE: nucleic acid
16     STRANDEDNESS: single
17     TOPOLOGY: linear
18
19 MOLECULE TYPE: DNA (genomic)
20
21 SEQUENCE DESCRIPTION: SEQ ID NO: 9:
22 US-09-945-247-9
23
24 Alignment Scores:
25 Pred. No.: 27-9 Length: 22
26 Score: 25.00 Matches: 5
27 Percent Similarity: 100.00% Conservative: 0
28 Best Local Similarity: 100.00% Mismatches: 0
29 Query Match: 100.00% Indels: 0
30 Db: 10 Gaps: 0
31
32 US-09-856-070-16 (1-5) x US-09-945-247-9 (1-22)
33
34 QY 1 GluArgGluIysGlu 5
35      |
36 Db 22 GAGAGAGAAAAAGAA 8
37
38 RESULT 2
39 US-09-263-959-724
40 : Sequence 724, Application US/09263959
41 : Patent No. US20020150891A1
42 : GENERAL INFORMATION:
43 : APPLICANT: Hewlett-Packard, Inc.
44 : APPLICANT: Hewlett-Packard, Inc.
45 : APPLICANT: Hewlett-Packard, Inc.
46 : TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH USE
47 : NUMBER OF SEQUENCES: 1274
48 : CORRESPONDENCE ADDRESS:
49 : ADDRESSEE: Seed and Berry LLP
50 : STREET: 6300 Columbia Center, 701 Fifth Avenue
51 : CITY: Seattle
52 : STATE: Washington
53 : COUNTRY: US
54 : ZIP: 98104-7092
55 : COMPUTER READABLE FORM:
56 : MEDIUM TYPE: Floppy disk
57 : COMPUTER: IBM PC compatible
58 : OPERATING SYSTEM: PC-DOS/MS-DOS
59 : SOFTWARE: PatentIn Release #1.0, Version #1.25
60 : CURRENT APPLICATION DATA
61 : APPLICATION NUMBER: US/09/263,959
62 : FILING DATE: 05-MAR-1999
63 : CLASSIFICATION:
64 : ATTORNEY/AGENT INFORMATION:
65 : NAME: McGasters, David D.
66 : REGISTRATION NUMBER: 33,963
67 : REFERENCE/DOCKET NUMBER: 920010 426C2
68 : TELECOMMUNICATION INFORMATION:
69 : TELEPHONE: (206) 622-4920
70 : TELEFAX: (206) 682-6031
71 : INFORMATION FOR SEQ ID NO: 724:
72 : SEQUENCE CHARACTERISTICS:
73 : LENGTH: 73 base pairs
74 : TYPE: nucleic acid
75 : STRANDEDNESS: single
76 : TOPOLOGY: linear
77
78 US-09-856-070-16 (1-5) x US-09-263-959-724 (1-73)
79
80 QY 1 GluArgGluIysGlu 5
81      |
82 Db 6 GAGAGAGAAAAAGAA 20
83
84 RESULT 3
85 US-09-864-761-21177
86 : Sequence 21177, Application US/09864761
87 : Patent No. US20020048763A1
88 : GENERAL INFORMATION:
89 : APPLICANT: Feng, Sharon G.
90 : APPLICANT: Rank, David R.
91 : APPLICANT: Rank, David R.
92 : APPLICANT: Chen, Wensheng
93 : TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
94 : FILE REFERENCE: Aemica-X-1
95 : CURRENT APPLICATION NUMBER: US/09/864,761
96 : CURRENT FILING DATE: 2001-05-23
97 : PRIOR APPLICATION NUMBER: US 60/180,312
98 : PRIOR FILING DATE: 2000-02-04
99 : PRIOR APPLICATION NUMBER: US 60/207,456
100 : PRIOR FILING DATE: 2000-05-26
101 : PRIOR APPLICATION NUMBER: US 09/532,366
102 : PRIOR FILING DATE: 2000-08-03
103 : PRIOR APPLICATION NUMBER: CH 24263.6
104 : PRIOR FILING DATE: 2000-10-04
105 : PRIOR APPLICATION NUMBER: US 60/236,359
106 : PRIOR FILING DATE: 2000-09-27
107 : PRIOR APPLICATION NUMBER: PCT/US01/006656
108 : PRIOR FILING DATE: 2001-01-30
109 : PRIOR APPLICATION NUMBER: PCT/US01/006657
110 : PRIOR FILING DATE: 2001-01-30
111 : PRIOR APPLICATION NUMBER: PCT/US01/006664
112 : PRIOR FILING DATE: 2001-01-30
113 : PRIOR APPLICATION NUMBER: PCT/US01/006669
114 : PRIOR FILING DATE: 2001-01-30
115 : PRIOR APPLICATION NUMBER: PCT/US01/006665
116 : PRIOR FILING DATE: 2001-01-30
117 : PRIOR APPLICATION NUMBER: PCT/US01/006668
118 : PRIOR FILING DATE: 2001-01-30
119 : PRIOR APPLICATION NUMBER: PCT/US01/006663
120 : PRIOR FILING DATE: 2001-01-30
121 : PRIOR APPLICATION NUMBER: PCT/US01/006662
122 : PRIOR FILING DATE: 2001-01-30
123 : PRIOR APPLICATION NUMBER: PCT/US01/006661
124 : PRIOR FILING DATE: 2001-01-30
125 : PRIOR APPLICATION NUMBER: PCT/US01/006670
126 : PRIOR FILING DATE: 2001-01-30
127 : PRIOR APPLICATION NUMBER: US 60/234,647
128 : PRIOR FILING DATE: 2000-09-21
129 : PRIOR APPLICATION NUMBER: US 09/800,408
130 : PRIOR FILING DATE: 2000-06-30
131 : PRIOR APPLICATION NUMBER: US 09/774,203
132 : PRIOR FILING DATE: 2001-01-29
133 : NUMBER OF SEQ ID NOS: 49117
134 : SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
135 : SEQ ID NO 21177
136 : LENGTH: 92
137 : TYPE: DNA
138 : ORGANISM: Homo sapiens
139 : FEATURE:
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; OTHER INFORMATION: MAP TO AF096876.1  
 ; OTHER INFORMATION: EXPRESSED IN BLADDER, SIGNAL = 1.7  
 ; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.7  
 ; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.4  
 ; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.7  
 ; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.1  
 ; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.6  
 ; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.6  
 ; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.7  
 ; OTHER INFORMATION: EXPRESSED IN H1299, SIGNAL = 1.2  
 ; OTHER INFORMATION: FETAL HUMAN H1299, SIGNAL = 1.2  
 ; OTHER INFORMATION: N. H1299: A153352.2, EVALUE 1.00E-23  
 US-09-864-761-21177

Alignment Scores:  
 Pred. No.: 120 Length: 92  
 Score: 25.00 Matches: 5  
 Percent Similarity: 100.00% Conservative: 0  
 Best Local Similarity: 100.00% Mismatches: 0  
 Query Match: 100.00% Indels: 0  
 DB: 10 Gaps: 0

US-09-856-070-16 (1-5) x US-09-854-761-21177 (1-92)

QY 1 GluArgGluLysGlu 5  
 DB 27 GAGAGAGAGAGAG 41

#### RESULT 4

US-09-878-574-14954/c  
 ; Sequence 14954, Application US/09878574  
 ; Patent No. US20020110548A1

; GENERAL INFORMATION:  
 ; APPLICANT: Byrum, Joseph P.  
 ; APPLICANT: La Rosa, Michael D.  
 ; APPLICANT: Thompson, Michael D.  
 ; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with  
 ; FILE REFERENCE: 38-21(15401)B  
 ; CURRENT APPLICATION NUMBER: US/09/878,574  
 ; CURRENT FILING DATE: 2001-12-21  
 ; PRIOR APPLICATION NUMBER: 09/333,535  
 ; PRIOR FILING DATE: 1999-06-14  
 ; NUMBER OF SEQ. ID NOS: 15775  
 ; SEQ. ID NO 14954  
 ; LENGTH: 99  
 ; TYPE: DNA  
 ; ORGANISM: Glycine max  
 ; OTHER INFORMATION: Clone ID: 701069470H1  
 US-09-878-574-14954

Alignment Scores:  
 Pred. No.: 129 Length: 99  
 Score: 25.00 Matches: 5  
 Percent Similarity: 100.00% Conservative: 0  
 Best Local Similarity: 100.00% Mismatches: 0  
 Query Match: 100.00% Indels: 0  
 DB: 10 Gaps: 0

US-09-856-070-16 (1-5) x US-09-878-574-14954 (1-99)

QY 1 GluArgGluLysGlu 5  
 DB 51 GAGAGAGAGAGAG 37

#### RESULT 5

US-09-969-373-365/c  
 ; Sequence 365, Application US/09969373  
 ; Patent No. US20020133852A1

; GENERAL INFORMATION:  
 ; APPLICANT: Effertz, Roger J.  
 ; APPLICANT: Hauger, Brian M.  
 ; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping

; FILE REFERENCE: 38-10(52679)A  
 ; CURRENT APPLICATION NUMBER: US/09/969,373  
 ; CURRENT FILING DATE: 2001-10-02  
 ; PRIOR APPLICATION NUMBER: US 09/754,853  
 ; PRIOR FILING DATE: 2001-01-05  
 ; PRIOR APPLICATION NUMBER: US 09/760,427  
 ; PRIOR FILING DATE: 2001-01-13  
 ; PRIOR APPLICATION NUMBER: US 09/855,768  
 ; PRIOR FILING DATE: 2001-05-15  
 ; NUMBER OF SEQ. ID NOS: 4593  
 ; SEQ. ID NO 365  
 ; LENGTH: 99  
 ; TYPE: DNA  
 ; ORGANISM: Glycine max  
 US-09-969-373-365

Alignment Scores:  
 Pred. No.: 129 Length: 99  
 Score: 25.00 Matches: 5  
 Percent Similarity: 100.00% Conservative: 0  
 Best Local Similarity: 100.00% Mismatches: 0  
 Query Match: 100.00% Indels: 0  
 DB: 10 Gaps: 0

US-09-856-070-16 (1-5) x US-09-969-373-365 (1-99)

QY 1 GluArgGluLysGlu 5  
 DB 62 GAGAGAGAGAGAG 48

#### RESULT 6

US-09-969-373-1469/c  
 ; Sequence 1469, Application US/09969373  
 ; Patent No. US20020133852A1

; GENERAL INFORMATION:  
 ; APPLICANT: Effertz, Roger J.  
 ; APPLICANT: Hauger, Brian M.  
 ; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping  
 ; FILE REFERENCE: 38-10(52679)A  
 ; CURRENT APPLICATION NUMBER: US/09/969,373  
 ; CURRENT FILING DATE: 2001-10-02  
 ; PRIOR APPLICATION NUMBER: US 09/754,853  
 ; PRIOR FILING DATE: 2001-01-05  
 ; PRIOR APPLICATION NUMBER: US 09/760,427  
 ; PRIOR FILING DATE: 2001-01-13  
 ; PRIOR APPLICATION NUMBER: US 09/855,768  
 ; PRIOR FILING DATE: 2001-05-15  
 ; NUMBER OF SEQ. ID NOS: 4593  
 ; SEQ. ID NO 1469  
 ; LENGTH: 99  
 ; TYPE: DNA  
 ; ORGANISM: Glycine max  
 US-09-969-373-1469

Alignment Scores:  
 Pred. No.: 129 Length: 99  
 Score: 25.00 Matches: 5  
 Percent Similarity: 100.00% Conservative: 0  
 Best Local Similarity: 100.00% Mismatches: 0  
 Query Match: 100.00% Indels: 0  
 DB: 10 Gaps: 0

US-09-856-070-16 (1-5) x US-09-969-373-1469 (1-99)

QY 1 GluArgGluLysGlu 5  
 DB 33 GAGAGAGAGAGAG 19

#### RESULT 7

US-09-969-373-541/c  
 ; Sequence 541, Application US/09969373  
 ; Patent No. US20020133852A1  
 ; GENERAL INFORMATION:

```

: APPLICANT: Effertz, Roger J.
: APPLICANT: Hauge, Brian M.
: TITLE OF INVENTION: Soybean SSPs and Methods of Genotyping
: FILE REFERENCE: 48-10(52679)A
: CURRENT APPLICATION NUMBER: us-09-856-474
: CURRENT FILING DATE: 2001-10-02
: PRIOR APPLICATION NUMBER: US 09/754,853
: PRIOR FILING DATE: 2001-01-05
: PRIOR APPLICATION NUMBER: US 09/760,427
: PRIOR FILING DATE: 2001-01-14
: PRIOR APPLICATION NUMBER: US 09/855,768
: PRIOR FILING DATE: 2001-05-15
: NUMBER OF SEQ ID NOS: 4594
: SEQ ID NO 541
: LENGTH: 104
: TYPE: DNA
: ORGANISM: Glycine max
: US-09-909-474-541

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Alignment Scores:
Pred. No.: 145 Length: 104
Score: 25.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
Gaps: 0

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US 09-856-070 16 (1-5) x US-09-969-373-541 (1 104)
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QY 1 GUAAGGluGlu 5
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DB 78 GAGACAGAGAAAG 64
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```
RESULT 8
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US 10-013 429-1
: Sequence 1, Application US/1001329
: Patent No. US20020160390A1
: GENERAL INFORMATION:
: APPLICANT: KIKEN
: APPLICANT: Yoshikawa, Takeo
: APPLICANT: Hattori, Eiji
: TITLE OF INVENTION: POLYMORPHIC DNAs AND THEIR USE FOR
: DIAGNOSIS OF SUSCEPTIBILITY TO PANIC DISORDER
: FILE REFERENCE: 25100-20092-00
: CURRENT APPLICATION NUMBER: US/10/013, 329
: CURRENT FILING DATE: 2002-04-12
: PRIOR APPLICATION NUMBER: JP 2000-375090
: PRIOR FILING DATE: 2000-12-08
: NUMBER OF SEQ ID NOS: 9
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 1
: LENGTH: 108
: TYPE: DNA
: ORGANISM: Homo sapiens
: US 10-013 429-1

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Alignment Scores:
Pred. No.: 141 Length: 108
Score: 25.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
Gaps: 0

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US 09-856-070 16 (1-5) x US-10-013-429-1 (1-108)
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QY 1 GUAAGGluGlu 5
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DB 41 GAGACAGAGAAAG 55
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RESULT 9
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US 09-783-590 463
: Sequence 463, Application US/09783590

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: Patent No. US20020110850A1
: GENERAL INFORMATION:
: APPLICANT: Dillon, Patrick J.
: APPLICANT: Baseltine, William A.
: APPLICANT: Li, Haodong
: APPLICANT: Rosen, Craig A.
: APPLICANT: Ruben, Steven M.
: TITLE OF INVENTION: Human Genes, Sequences, and Expression Products 16.2
: FILE REFERENCE: PO-16,261
: CURRENT APPLICATION NUMBER: US/09/783,590
: CURRENT FILING DATE: 2000-02-15
: PRIOR APPLICATION NUMBER: 08/420,856
: PRIOR FILING DATE: 1995-04-12
: PRIOR APPLICATION NUMBER: 08/146,731
: PRIOR FILING DATE: 1994-11-21
: NUMBER OF SEQ ID NOS: 12485
: SOFTWARE: Patent In Ver. 2.0
: SEQ ID NO 463
: LENGTH: 112
: TYPE: DNA
: ORGANISM: Homo sapiens
: NAME/KEY: misc feature
: LOCATION: (45)
: OTHER INFORMATION: n equals a.t.g. or c
: NAME/KEY: misc feature
: LOCATION: (70)
: OTHER INFORMATION: n equals a.t.g. or c
: NAME/KEY: misc feature
: LOCATION: (91)
: OTHER INFORMATION: n equals a.t.g. or c
: US-09-783-590-463

```

```

Alignment Scores:
Pred. No.: 146 Length: 112
Score: 25.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
Gaps: 0
DB: 10

```

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US-09-856-070-16 (1-5) x US-09-783-590-463 (1-112)
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```
QY 1 GUAAGGluGlu 5
```

```
DB 4 GAGACAGAGAAAG 18
```

```
RESULT 10
```

```

US-09-864-761-27921/c
: Sequence 27421, Application US/09864761
: Patent No. US20020048763A1
: GENERAL INFORMATION:
: APPLICANT: Penn, Sharon G.
: APPLICANT: Rank, David K.
: APPLICANT: Hanzel, David K.
: APPLICANT: Chen, Wensheng
: TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
: GENE EXPRESSION ANALYSIS BY MICROARRAY
: FILE REFERENCE: Aemica-X-1
: CURRENT APPLICATION NUMBER: US/09/864,761
: CURRENT FILING DATE: 2001-05-23
: PRIOR APPLICATION NUMBER: US 60/180,312
: PRIOR FILING DATE: 2000-02-04
: PRIOR APPLICATION NUMBER: US 60/207,456
: PRIOR FILING DATE: 2000-05-26
: PRIOR APPLICATION NUMBER: US 09/632,366
: PRIOR FILING DATE: 2000-08-03
: PRIOR APPLICATION NUMBER: CH 24263.6
: PRIOR FILING DATE: 2000-10-04
: PRIOR APPLICATION NUMBER: US 60/236,359
: PRIOR FILING DATE: 2000-09-27
: PRIOR APPLICATION NUMBER: PCI/US01/00666
: PRIOR FILING DATE: 2001-01-30

```



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: TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
: FILE REFERENCE: 38-10(52679)A
: CURRENT APPLICATION NUMBER: US/09/969,474
: CURRENT FILING DATE: 2001-10-02
: PRIOR APPLICATION NUMBER: US/09/754,853
: PRIOR FILING DATE: 2001-01-05
: PRIOR APPLICATION NUMBER: US/09/760,427
: PRIOR FILING DATE: 2001-01-14
: PRIOR APPLICATION NUMBER: US/09/855,768
: PRIOR FILING DATE: 2001-05-15
: NUMBER OF SEQ ID NOS: 4593
: SEQ ID NO 582
: LENGTH: 115
: TYPE: DNA
: ORGANISM: Glycine max
US-09-969-474-582

Alignment Scores:
Pred. No.: 150 Length: 115
Score: 25.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-856-070-16 (1-5) x US-09-969-474-582 (1-115)

QY 1 GluArdGluLysGlu 5
|||||
Db 45 GAAGAGAGAGAGAGAA 59

RESULT 14
US-09-969-474-496/c
: Sequence 496, Application US/09/969,474
: Patent No. US2002014852A1
: GENERAL INFORMATION:
: APPLICANT: Ellert, Roger J.
: APPLICANT: Haug, Brian M.
: TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
: FILE REFERENCE: 38-10(52679)A
: CURRENT APPLICATION NUMBER: US/09/969,474
: CURRENT FILING DATE: 2001-10-02
: PRIOR APPLICATION NUMBER: US/09/754,853
: PRIOR FILING DATE: 2001-01-05
: PRIOR APPLICATION NUMBER: US/09/760,427
: PRIOR FILING DATE: 2001-01-14
: PRIOR APPLICATION NUMBER: US/09/855,768
: NUMBER OF SEQ ID NOS: 4593
: SEQ ID NO 496
: LENGTH: 116
: TYPE: DNA
: ORGANISM: Glycine max
US-09-969-474-496

Alignment Scores:
Pred. No.: 151 Length: 116
Score: 25.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-856-070-16 (1-5) x US-09-969-474-496 (1-116)

QY 1 GluArdGluLysGlu 5
|||||
Db 69 GAAGAGAGAGAGAGAA 55

RESULT 14
US-09-770-696-725
: Sequence 725, Application US/09/770,696
: Patent No. US2001004490A1

```

```

: GENERAL INFORMATION:
: APPLICANT: Goriach, Jörn
: APPLICANT: An, Yong-Qiang
: APPLICANT: Hamilton, Carol M.
: APPLICANT: Price, Jennifer L.
: APPLICANT: Raines, Tracy M.
: APPLICANT: Yu, Yang
: APPLICANT: Rameaka, Joshua G.
: APPLICANT: Page, Amy
: APPLICANT: Matthew, Abraham V.
: APPLICANT: Ledford, Brooke L.
: APPLICANT: Woessner, Jeffrey P.
: APPLICANT: Haas, William David
: APPLICANT: Garcia, Carlos A.
: APPLICANT: Krickler, Maja
: APPLICANT: Sladec, Ted
: APPLICANT: Davis, Keith K.
: APPLICANT: Allen, Keith
: APPLICANT: Hoffman, Neil
: APPLICANT: Hurban, Patrick
: TITLE OF INVENTION: Expressed Sequences of Arabidopsis
: FILE REFERENCE: 2031US (PARA-020PRV)
: CURRENT APPLICATION NUMBER: US/09/770,696
: CURRENT FILING DATE: 2001-01-26
: PRIOR APPLICATION NUMBER: 69/178,278
: PRIOR FILING DATE: 2000-01-27
: NUMBER OF SEQ ID NOS: 911
: SOFTWARE: FastSeq For Windows Version 4.0
: SEQ ID NO 725
: LENGTH: 117
: TYPE: DNA
: ORGANISM: Arabidopsis thaliana
US-09-770-696-725

Alignment Scores:
Pred. No.: 153 Length: 117
Score: 25.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-856-070-16 (1-5) x US-09-770-696-725 (1-117)

QY 1 GluArdGluLysGlu 5
|||||
Db 96 GAAGAGAGAGAGAGAA 110

RESULT 15
US-09-878-574-11070/c
: Sequence 11070, Application US/09/878,574
: Patent No. US20020110548A1
: GENERAL INFORMATION:
: APPLICANT: Byram, Joseph R.
: APPLICANT: La Rosa, Thomas J.
: APPLICANT: Thompson, Michael D.
: TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
: FILE REFERENCE: 38-21(15401)B
: CURRENT APPLICATION NUMBER: US/09/878,574
: CURRENT FILING DATE: 2001-12-21
: PRIOR APPLICATION NUMBER: 09/433,545
: PRIOR FILING DATE: 1999-06-14
: NUMBER OF SEQ ID NOS: 15775
: SEQ ID NO 11070
: LENGTH: 117
: TYPE: DNA
: ORGANISM: Glycine max
: OTHER INFORMATION: Clone ID: 701064010H1
US-09-878-574-11070

Alignment Scores:

```

Pred. No.: 153  
 Score: 25.00  
 Percent Similarity: 100.00%  
 Best Local Similarity: 100.00%  
 Query Match: 100.00%  
 DB: 10

Length: 117  
 Matches: 5  
 Conservative: 0  
 Mismatches: 0  
 Indels: 0  
 Gaps: 0

US-09-856-070-16 (1-5) x US-09-878-574-11070 (1-117)

QY 1 GluArgGluIysGlu 5  
 |||||  
 Db 52 GAGAGAGAGAGAGAG 38

Search completed: January 16, 2003, 21:45:54  
 Job time : 20.4286 secs

